

Product description

Purpose: Environmentally friendly, mat dispersion paint providing good hiding power for economic coating of walls and ceilings in living and working areas. Approved quality for in public or commercial buildings..

Features:

- good opacity, high degree of whiteness
- low emission und environmentally friendly
- free from solvents
- free from plasticizers
- waterborne and low in odour, diffusion permeable
- good filling properties, therefore also suitable for coating ingrain wallpaper and rough plaster
- free from substances causing magic dust

Classification according to DIN EN 13300:

- wet abrasion class 3
- opacity class 2, if spreading rate is approx. 6 m² / l
- gloss level: mat
- max. grain size: fine (<150 µm)

Slight discrepancies of specification may occur due to tinting.

Content as per VdL Directive 01: polymer dispersion, titanium dioxide, water, additives, preservative

Colour: white

Specification:

spec. weight:	approx. 1.60 g/cm ³	DIN 51 757
viscosity:	approx. 90 - 100 dPas	DIN 53 019
pH-value:	approx. 8.5	DIN 53 785

Storage: Can be stored at least 2 years in the unopened original container in a frost-free and dry environment and at a temperature from + 5°C and up to max. + 30°C.

VOC regulations: EU limiting value for the product (cat. A/a): 30 g/l
This product contains max. 13 g/l VOC [0.108 lbs/gal]

Application

Processing conditions: The subject and ambient temperature should be between + 5°C and + 35°C. Do not apply if exposed to direct sunlight or high wind.

Suitable substrates: Old and new plasters (mortar group PII, PIII, PIVa,b,c), concrete, lime sand brick, ingrain wallpaper, gypsum cardboard, fibreglass and well adhesive old finishes.

Substrate pre-treatment: The substrate must be clean, stable and dry. Remove completely old and not firm coatings and glue-bound distemper coats. Repaired plaster areas must be well set and desiccated. In case of powdery, friable and rough porous surfaces apply a priming coat Mipa Tiefgrund LF.

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

Application process :	Rolling, brushing or spraying (Airless). Airless spraying: angle: 50° nozzle: 517 / 0.43 mm - 525 / 0.63 mm pressure: 130 bar These spray details are reference values and may vary due to different device types.
Dilution:	In case of high-contrast, highly or differently absorbant substrates apply a first coat thinned with 10 - 15% water. Thinn the finishing coat with 0 - 10% water.
Drying times:	At 20° C and 65% relative air humidity: dry on surface and recoatable : after approx. 8 hours. Lower temperatures extend the drying time.
Application:	Stir well before use. Mipa Edelweiß must be applied and spread uniformly in order to avoid spotting and gloss spots due to different coat thicknesses.
Spreading rate :	The versatility of the operational sector (different structure and absorbence of the substrate) does not allow an exact figure. A test coat on the object is the best guarantee. Depending on the substrate and the application: approx. 6 m ² / liter per operation.

Special recomandations

For Airless-application stir well and strain before use. Do not inhale aerosols.
Adverse light conditions (glancing light):
Recommendation: Apply Mipa Ultra or Ultima on smooth surfaces that are exposed to adverse light conditions (glancing light). When coating sealants, such as acrylic sealant compounds, cracks may occur in the coating due to higher elasticity of these substrates. Furthermore, it may cause discoloration in the coating. Due to large number of different sealing systems on the market, we recommend carrying out your own tests to assess the adhesion and coating results in each single case. Repair works on surfaces are more or less visible which depends on the conditions of the object. This is unavoidable according to BFS-Merkblatt Nr. 25, Punkt 4.2.2.1, Abschnitt e).

Safety instructions

Mipa Edelweiß is slightly alkaline. Protect eyes and sensitive skin against colour splashes. Wash away colour traces immediately with sufficient clear water. Consider general hygienic rules.

Cleaning of tools

Clean the tools with water immediately after use and in case of extended interruption of work.

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